

An aerial photograph of Portland, Oregon, taken during a vibrant sunset. The sky is filled with dramatic, orange and red clouds. In the foreground, the city's skyline is visible, featuring several tall buildings and a bridge crossing the Willamette River. The background shows a range of mountains, with Mount Hood prominently visible on the right side. The overall scene is a mix of urban development and natural beauty.

VA Portland Health Care System

Portland, Oregon

**Pharmacy Residency
Program**

2018 – 2019

Message from the Chief

I want to sincerely thank you for considering joining our VA Portland Health Care System (VAPORHCS) Pharmacy Residency Program. VAPORHCS serves more than 95,000 unique Veterans and 950,000 outpatient Veteran visits each year in Oregon and Southwest Washington. VAPORHCS consists of the main tertiary care medical center overlooking the city of Portland, the Vancouver Campus in Vancouver, Washington, and 10 outpatient clinics across Central and Northwest Oregon. VAPORHCS provides a full continuum of inpatient, outpatient, long-term, and emergent care. We are proud to host 12 national-level Centers of Excellence leading research efforts from mental illness to Parkinson's, Epilepsy to auditory research, and others. VAPORHCS is connected to Oregon Health & Science University (OHSU) both physically and through academic partnerships training health care professionals.



The VAPORHCS Pharmacy Service is integrated amongst all aspects of care, providing pharmacists challenging and unique opportunities to practice and improve the lives of our Veterans. With over 150 staff members, our department is dedicated to a Veteran-centric practice model of providing safe, appropriate, and evidence-based medication management and education. Many of our pharmacists practice at the top of their license as clinicians with advanced scopes in several disease states. By training at VAPORHCS, residents can rotate through the acute care setting as well as the ambulatory care setting at our Community Based Outpatient Clinics (CBOCs). In addition, pharmacy service offers extended care to the specialty clinics at VAPORHCS which are unique elective opportunities for trainees.

The VA has been a leader in both advanced clinical practice for pharmacists and education. The benefits of training in the VA are limitless, but more so quickly grant you access to the Nation's largest health care system. This access will open you up to endless professional opportunities across the country.

Determining the appropriate location to receive your residency training is critical in reaching your professional goals. I strongly encourage you to look through this brochure to see what residencies and educational opportunities we offer. Choosing VAPORHCS to train will be one of the best professional decisions you make!

A handwritten signature in black ink that reads "Jeegisha Patel".

Jeegisha Patel, PharmD, BCPS, CDE
Acting Chief, Pharmacy Services

Unique Benefits of a VA Pharmacy Residency

VA Pharmacy Residency Program is the largest training program for advanced clinical pharmacy practice in the country. VA trains several hundred residents annually in over 150 American Society of Health-System Pharmacists (ASHP) accredited residencies. The training includes a variety of practice areas, such as: Pharmacy Practice, Pharmacy Benefit Management, and Education. Residents receive an outstanding 12-month clinical patient care experience serving a challenging and rewarding Veteran population. Throughout the year, residents learn to coordinate quality primary and acute care with other health care services in a stimulating interdisciplinary environment. Additionally, exciting research and academic opportunities mentored by experienced pharmacist preceptors are available.

VA Portland Pharmacy Service

Mission: To provide Veteran-centric pharmaceutical care that improves outcomes through a commitment to innovation, education, and collaboration.

VAPORHCS pharmacists serve as valuable members of patient care teams in the acute care, ambulatory care, and long-term care settings. Our department features a decentralized unit-dose service with Barcode Medication Administration, IV Admixture Service, Automated Dispensing Systems, Provider Order Entry, Computerized Patient Record System, and Automated Prescription Filling.

Our Acute Care Clinical Pharmacists provide care to patients on the Medical and Surgical Units, Intensive Care Unit, Step-Down Units, Operating Room, and Ambulatory Surgery. Responsibilities include providing drug therapy and dosing recommendations, participating in team rounds, pain management consultation, anticoagulation management, pharmacokinetic dosing, medication reconciliation, and discharge patient education. Specialized clinical pharmacy care is provided in the following areas: Critical Care, Infectious Diseases, Oncology, Palliative Care, Psychiatry, Transplant, and Operative Care.

Our Ambulatory Care Clinical Pharmacists provide a wide range of pharmaceutical services to our Veterans in both Portland and Vancouver locations. Our Clinical Pharmacy Specialist in the Ambulatory care section support the Patient Aligned Care Teams (PACTs) in our Primary Care Clinics at the CBOCs and several specialty services including Anticoagulation, Hepatitis C, Mental Health, Cardiology, Oncology and Pain management. Additionally, Ambulatory Care Pharmacists perform thorough medication reconciliation, address drug information questions, consult with physicians and PACTs, provide medication counseling, and participate in evidence-based medication review on Drug Utilizations Teams.

Pharmacists working in primary care clinics or CBOCs also can initiate and modify therapy for selected disease states under a scope of practice with a supervising provider.

Our management team practices servant leadership and is trained in quality improvements utilizing the LEAN Methodology. In addition, our Pharmacy Benefits Management (PBM) team continues to manage and be consistent with the VA National Formulary and the Veterans Integrated Services Network (VISN 20) formulary having dedicated program managers with skills in pharmacoeconomics and health system administration. Our health system is continually in the process of updating and refining our capability to use computers as tools to assist in meeting the health care needs of our veterans. Therefore, a pharmacist has been assigned the task of implementing and staying current with computerized information system changes at the local, regional, and national levels.

Throughout the health system, pharmacists and pharmacy technicians have a strong voice in process improvement and quality assurance of pharmacy services. Pharmacists and technicians lead or serve on several committees including Patient Safety, Medical Service Council, Pharmacy and Therapeutics, Institutional Review Board, Research and Development, Order Menu Workgroup, Education, Antimicrobial stewardship, Northwest Pain Committee, Clinical Pharmacy Practice Councils and many more.

Our Residency Programs

VAPORHCS offers Post Graduate Year 1 (PGY-1) Pharmacy Practice Residency program, a two-year (PGY1/2) Pharmacy Practice Residency in Health-System Administration, a Post Graduate Year 2 (PGY-2) in Psychiatry and a Post Graduate Year 2 (PGY-2) in Ambulatory Care. The programs allow residents a great deal of self-direction, learning and to maximize opportunities to explore particular areas of interest. We offer opportunities to gain skills in practicing pharmacy in a hospital based institution focusing on acute care, ambulatory care and specialty care clinical services. Residents have opportunities to choose from a variety of electives which include, but are not limited to transplant, oncology, and informatics. Additionally, the close proximity to Oregon Health & Science University Hospital and the Oregon State College of Pharmacy gives the residents an opportunity to participate in the teaching certificate program.

PGY-1 Pharmacy Practice

The purpose of this PGY1 pharmacy residency program is to build on Doctor of Pharmacy (Pharm.D.) education and outcomes to contribute to the development of clinical pharmacists responsible for medication-related care of patients with a wide range of conditions, eligible for board certification, and eligible for postgraduate year two (PGY2) pharmacy residency training.

The primary goal of the Portland VA PGY-1 is to prepare residents to function as well-rounded, independent, competent clinical pharmacists in patient care positions in an organized health care setting.

Acute Care Track (94300)

The program, accredited by the American Society of Health System Pharmacists (ASHP) is a one-year Post Graduate Year 1 Pharmacy Practice Residency, with an emphasis in Acute Care. This PGY 1 program has been accredited since 1977.

Ambulatory Care Track (94004)

The program, accredited by the American Society of Health System Pharmacists (ASHP) is a one-year Post Graduate Year 1 Pharmacy Practice Residency, with an emphasis in Ambulatory Care. This PGY 1 program has been accredited since 2010.

Learning Experiences (Core Rotations)

Acute Care Track

- Orientation (Residency/Inpatient/ Outpatient Operations)
- Internal Medicine I & II
- Critical Care
- Ambulatory Care I
- Geriatrics Long Term Care- CLC
- Pharmacy Administration
- Medication Safety

Ambulatory Care Track

- Orientation (Residency/Inpatient/ Outpatient Operations)
- Ambulatory Care I & II
- Ambulatory Care focused in Mental Health
- Internal Medicine I
- Geriatrics Long Term Care-CLC
- Pharmacy Administration
- Medication Safety

Continuity Clinics Experience

- Anticoagulation
- Antimicrobial Stewardship
- Hepatitis C
- Anemia
- Geriatrics Assessment Clinic
- Heart Failure
- Oncology
- Diabetes
- Rural Mental Health
- Pain

Longitudinal Experiences

- Teaching and Education
- Formulary Management (MUE/PADRs)
- Pharmacy Practice (Staffing)
- Pharmacy Management (Leadership)
- Major Residency Project
- Management Project

Elective On-Site Experiences

- Infectious Diseases
- Surgical/Medical Critical Care
- Hematology/Oncology
- Psychiatry
- Pain Management/Palliative Care
- Liver/ Kidney Transplant

**Electives at other institutions may be available but not guaranteed. (Oregon State Pharmacist license required for off-site elective. Elective time may be used for make up or repeat of core rotations if needed.

PGY1/PGY2 Health-System Pharmacy Administration (HSPA)/MBA (94023)

The purpose of the health systems administration residency program is to build on Doctor of Pharmacy (Pharm.D.) education and PGY 1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY 2 residency provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experiences and knowledge and incorporating both into the provision of patient care or advances practice settings.

The PGY-1/2 Health-System Pharmacy Administration Residency is a 24-month residency with inpatient, outpatient, ambulatory care, and administrative experiences. The first year focuses on clinical exposure and the second year focuses on building operations and supervisory experience. These experiences are coordinated under the direct and immediate supervision of the Pharmacy Chief who is the Residency Program Director. The primary mission of the residency is to develop leadership and clinical management skills that will support a professional and productive practice in pharmacy management, business operations, medication use safety, and quality assurance. This mission is realized by providing experiences and responsibilities that develop and augment the resident's clinical and communication skills, problem solving abilities, professional knowledge base, judgment, and insight by ensuring resident exposure in targeted clinical and administrative roles. By providing an atmosphere for the resident to grow and develop individual talents (while receiving guidance and structure as required), the resident will become more cognizant of their strengths and weaknesses, and will be able to continually apply themselves to further enhance their management and leadership practice skills.

The program, accredited by the American Society of Health System Pharmacists (ASHP) is a two-year pharmacy residency in health-system pharmacy administration earning an MBA with Oregon State University College of Business. This PGY 1 / 2 HSPA program has been accredited since 2015.

Learning Experiences (Core Rotations)

Clinical Focused:

- Orientation
- Internal Medicine I
- Internal Medicine II
- Critical Care
- Infectious Diseases
- Ambulatory Care I
- Ambulatory Care II

Management Focused:

- Pharmacy Administration
- Medication Safety
- Strategic Planning and Leadership
- Pharmacy Informatics
- Human Resources
- Clinical Management
- Inpatient & Outpatient Operations
- Contract Management and Purchasing
- Policy and Regulatory Oversight
- Finance and Budgeting
- Education Program Development
- PBM/ Formulary Management

Continuity Clinics Experience

- Anticoagulation Clinic
- Choice of Specialty Clinics- Clinical Focused
- Choice of Specialty Clinics- Management Focused

Longitudinal Experiences

- Teaching and Education
- Formulary Management (MUE/PADRS)
- Pharmacy Practice (Staffing)
- Pharmacy Management I and II (Leadership)
- Major Residency Project I and II
- Management Project

Elective On-Site Experiences

- Surgical/Medical Critical Care
- Hematology/Oncology
- Psychiatry
- Pain Management/Palliative Care
- Liver/ Kidney Transplant
- Antimicrobial Stewardship
- Academic Detailing
- Medical Center Executive Management

Special Features*Leadership Development*

- HBDI and StrengthsFinder
- Preceptor for PGY1 Longitudinal Leadership Development Series
- Nuts and Bolts of Supervision
- Root Cause Analysis Team
- Department Strategic and Succession Planning
- Training in Quality Improvement and Yellow Belt (Lean) Methodologies

Personnel Management

- Acting Inpatient and Outpatient Pharmacy Supervisory role
- Chief Resident- mentor to PGY1 residents
- Individual & Team Employee Development
- Relationship Building
- Recruitment and Retention

Resource Utilization

- Financial Analysis and Budget Formulation
- Supply Chain and Drug Shortage Management activities
- Pharmacoeconomics, Technology Advancement and Implementation

PGY-2 Psychiatric Pharmacy Residency

ASHP Candidate Status 2017

The purpose of the PGY2 psychiatric pharmacy residency program builds on Doctor of Pharmacy (Pharm.D.) education and PGY1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. The PGY2 psychiatric pharmacy residency provides residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experience and knowledge and incorporating both into the provision of patient care that improves medication therapy. Residents who successfully complete an accredited PGY2 psychiatric pharmacy residency should possess competencies that qualify them for clinical pharmacist and/or faculty positions and position them to be eligible for attainment of board certification in psychiatric pharmacy (BCPP).

Residents will deliver patient care as members of an interdisciplinary team and provide patient-centered medication therapy management for neuropsychiatric patients. The residents will gain clinical experiences in a variety of areas, including: outpatient and inpatient psychiatry, substance use disorders, geriatric psychiatry, and pain/palliative care. Additionally, they will gain proficiency in research through their year-long major project, a quality improvement initiative to enhance the care of neuropsychiatric patients at the facility. Residents will also become involved in teaching through co-preceptorship of other trainees as well as patient/provider education opportunities. Additionally, residents will become adept in responding to drug information questions through completion of e-consults during core learning experiences.

Core and longitudinal experiences are designed to maximize the residents' learning opportunities. Core learning experiences involve working in the inpatient, outpatient, and long-term care environments. Residents will also work with a multidisciplinary treatment team in geriatric assessment clinic as a longitudinal experience in geriatric psychiatry. Other required longitudinal rotations include mental health administration, teaching & education, and formulary management. Additionally, each resident will have opportunities for elective learning experiences.

PGY-2 Core Block Learning Experiences:

- Orientation
- Inpatient Psychiatry
- Outpatient Psychiatry
- Substance Use Disorders
- Pain/Palliative Care

PGY-2 Longitudinal Experiences:

- Teaching & Education
- Research: Major Project
- Formulary Management
- Mental Health Administration

- Geriatric Psychiatry

PGY-2 Electives:

- Primary Care/Mental Health Integration (PCMHI)
- Mental Health Intensive Case Management (MHICM)
- Academic Detailing
- Consult Liaison Psychiatry
- Neurology

PGY2 Ambulatory Care Residency Program

The purpose of the PGY 2 Ambulatory Care Pharmacy Resident program is to build on Doctor of Pharmacy (Pharm.D.) education and PGY 1 pharmacy residency programs to contribute to the development of clinical pharmacists in specialized areas of practice. PGY 2 residency provide residents with opportunities to function independently as practitioners by conceptualizing and integrating accumulated experiences and knowledge and incorporating both into the provision of patient care or advances practice settings.

Residents who successfully complete an accredited PGY2 Ambulatory Care residency should possess competencies that qualify them for clinical pharmacy specialists, academia and/or clinical coordinator positions as well as be eligible for attainment of board certification in ambulatory care pharmacy.

Learning Experiences (Core Rotations)

- Orientation
- Primary Care
- Diabetes
- Anticoagulation
- Heart Failure
- Geriatrics
- Women's Health

Longitudinal Experiences

- Teaching and Education
- Formulary Management (MUE/PADRs)
- Pharmacy Practice (Staffing)
- Leadership
- Major Residency Project

Elective On-Site Experiences

- Oncology
- Liver/ Kidney Transplant
- Endocrinology/ Diabetes Clinic
- Hepatitis C
- Anemia
- Pain Management
- Hepatitis C
- Mental Health Clinic
- Academic Detailing
- Primary Care/ Mental Health Integration (PCMHI)

Special features

Prescriptive authority

Residents have prescriptive authority to order medications, laboratory and diagnostic tests, and consults to other services within their scope of practice.

Education series

Residents present journal clubs, patient cases, and disease state reviews to residents and preceptors

Leadership

PGY 2 ambulatory care residents serve as mentors to PGY 1 residents.

Interdisciplinary collaboration

Clinical Pharmacy Specialists and residents are core members of the Patient-Aligned Care Team (PACT), and provide disease state management. Each team consists of a primary care provider, pharmacist, nurse, social worker, dietician, and a mental health provider.

Innovation

VA Portland HCS is the home base for the Northwest Innovation Center. The resident will have the opportunity to be involved in clinical application management and implementation of population management resources to provide efficient medication management to our veterans.

Preceptors

VAPORHCS preceptors are one of the highlights of our program. Our preceptors hail from across the United States and bring a plethora of unique clinical and educational experiences to the table.

Our inpatient and long term care preceptors earned their pharmacy degrees from over a dozen different schools of pharmacy and have completed their PGY1 residency training in various sites, the majority being VA PGY1 residency programs. Within Ambulatory Care and Anticoagulation, our preceptors graduated from over 10 different pharmacy schools, and several have also completed residency training within the VA system.

Multiple preceptors have nationally recognized accomplishments, which include: Board Certification in Pharmacotherapy, Oncology, Ambulatory Care, Geriatrics, Anticoagulation, and/or Psychiatry as well as Certified Diabetes Educator status. Additionally, our preceptors have been recognized and selected for awards such as Lecturer of the Year at Oregon State University, Preceptor of the Year at Oregon State University and Pacific University Pharmacist of the Year from the Oregon Society of Health-System Pharmacists, Fellow of the Oregon Society of Health-System Pharmacists, and APPE Clinical Preceptor of the Year at Oregon State University.

The preceptors also stay active with board member participation for state and national pharmacy organizations, have obtained a Master's Degree in Health-System Administration and Business or other Master's Degree, and have published and presented at various pharmacy conferences and venues across the country.

Our preceptors serve as valuable members of the health care team, are committed to the profession of pharmacy, and demonstrate exceptional leadership and mentoring skills in addition to improving outcomes and Veteran-centric care at the VAPORHCS.

Pharmacy Applicant Qualification and Application Process

Applicant Qualifications

- Doctor of Pharmacy Degree from an accredited School of Pharmacy
- Eligible for licensure to practice pharmacy in any state
- United State citizenship
- Participation in the ASHP Resident Matching Program Application Process
- All applicant materials must be submitted through Pharmacy Online Residency Centralized Application (PhORCAS) by the second Friday of the month of January
- Official School or College of Pharmacy transcript

*** Please submit an official transcript by the due date. If fall/winter APPE rotation grades are not included in your official transcript, please advise your school advisor, regional coordinator, or APPE coordinator to address a letter with APPE rotation grades*

- Letter of Intent
- Curriculum Vitae
- Three letters of recommendation using the standardized reference template in PhORCAS
- Extracurricular Information
- Selected applicants will be invited to a personal on-site interview occurring in late January and February

https://www.portland.va.gov/pharmacy/Pharmacy_Residency.asp

Program Contact Information:

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